



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4439

SERIAL NUMBER 10/772,260	FILING DATE 02/06/2004 RULE	CLASS 310	GROUP ART UNIT 2834	ATTORNEY DOCKET NO. 03500.017882
-----------------------------	-----------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

Toshihiro Ifuku, Kanagawa, JAPAN;

Tetsuro Fukui, Kanagawa, JAPAN;
Takanori Matsuda, Kanagawa, JAPAN;

** CONTINUING DATA *****

NONE

** FOREIGN APPLICATIONS *****

JAPAN 2003-031669 02/07/2003
JAPAN 2003-031680 02/07/2003

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 05/05/2004

Foreign Priority claimed	STATE OR COUNTRY	SHEETS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met Verified and Acknowledged Examiner's Signature _____ Initials _____	JAPAN	DRAWING 5	25	2

ADDRESS

5514
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK , NY
10112

TITLE

Ferroelectric thin film element, piezoelectric actuator and liquid discharge head

FILING FEE RECEIVED 860	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-------------------------------	---	---